

Work Order ID 148269

Tuesday, June 28, 2016 8:59:25 AM

148269

Page 1

Item ID: 646.3813

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Strut Bracket

Start Date: 6/6/2016 Start Qty: 5.00

5

Cust Item ID:

Required Date: 6/27/2016 Req'd Qty: 5.00

5

Customer:

Reference:

Approvals: Process Plan: DAS 21 Date: JUL 04 2016 Tooling: _____ Date: _____
QC: 9-89 Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
646.3800	N/C

110	HAAS CNC VERTICAL MACHINING #1	0.00				<u>5</u>	<u>0</u>		DAS 32 9-89
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110

Mill Conv

Conventional Milling Machine

Memo

1-Machine per DWG
DWG REV: M/C

2- deburr and break all sharp edges

120	QC2- Inspect parts off machine FAI/FAIB	0.00				<u>5</u>	<u>0</u>		DAS 32 9-89
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120

QC

Quality Control

Memo

16-07-13

16-07-13

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Work Order ID 148269

Tuesday, June 28, 2016 8:59:25 AM

148269

Page 3

Item ID: 646.3813

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Strut Bracket

Start Date: 6/6/2016 Start Qty: 5.00

5

Cust Item ID:

Required Date: 6/27/2016 Req'd Qty: 5.00

5

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

155

QC5- Inspect part completeness to step on W/O

0.00

155

QC

Memo

0.02

Quality Control

5DAS
38
9-89
JUL 27 2016

180

Identify as per dwg & Stock Location: CCT100

0.00

180

Packaging

Memo

0.01

Packaging

IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV

5

JUL 27 2016

DAS
6
9-89

190

QC21- Final Inspection - Work Order Release

0.00

190

QC

Memo

0.08

Quality Control

DAS
21
9-89

JUL 28 2016

DQA: _____ Date: _____



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Picklist Print

Page 1

Tuesday, June 28, 2016 8:59:24 AM

Work Order ID: 148269

148269

Parent Item: 646.3813

646 3813

Parent Item Name: Strut Bracket

Start Date: 6/6/2016

Required Date: 6/27/2016

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP REV:A NEW ISSUE 12-10-22 JLM VERIFIED:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M7075T6A0.75X0.75X 0.060X0.062		Purchased	No				f	72.7783		0.578947			

*M7075T6A0 75X0 75X0 060X0

**

16-07-13

DAS
32
9-89

7075T6 ANGLE .75" X .75" X .060" X .062"W

Location

Loc Qty

Loc Code

MAT051

72.778342

123947

72.778342

1.302

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03697				SHEET 1 OF 1	
	DWG NO. 646.3800	REV: N/C	PREPARED BY B. PETERS	DATE: 11/14/12	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: BRACKETS					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG: <i>David Baker</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED ALTERNATE MATERIAL.				ECR: D-12-006	

IS

1 PRIMARY MATERIAL: 7075-T651 ALUMINUM PER AMS-QQ-A-250/12.
ALTERNATE MATERIAL: 7075-T6511 ALUMINUM PER AMS-QQ-A-200/11.

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

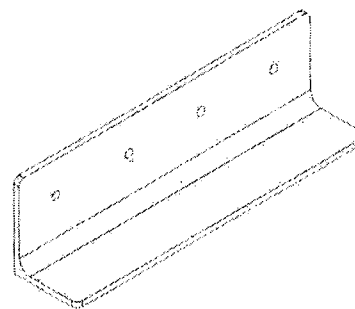
SHEET 1, ZONE A2 IS:

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:					CHANGE CATEGORY	DER REVIEW REQUIRED
☐ RFMS ☐ MDL ☐ INSTALL INSTRUC ☐ ICA ☐ BOM					☐ MAJOR ☒ MINOR	☐ YES ☒ NO

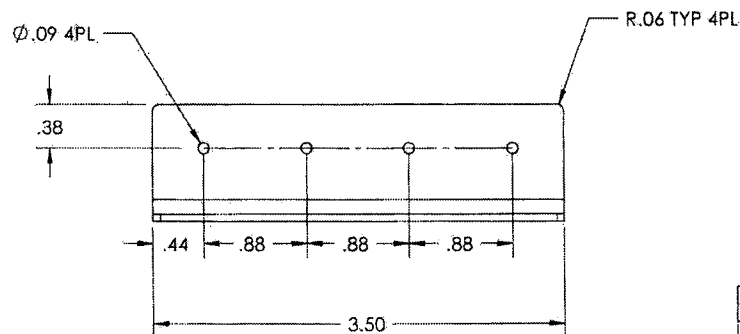
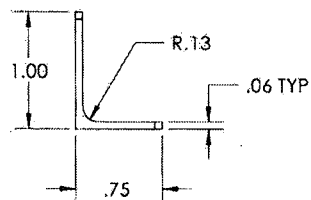
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NOTES:

1. MATERIAL: ALUMINUM 7075-T651 AMS-QQ-A-250/12
2. FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; CARDINAL 4860-50 PRETREATMENT PRIMER PRIME IAW MIL-P-23377J TYPE I CLASS N
3. DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120



646.3810



UNINCORPORATED ELEM(S)

03/09/97

		646.3814	WIPER BRACKET	△	△
		646.3813	STRUT BRACKET	△	△
		646.3812	GUSSET BRACKET	△	△
		646.3811	RADIUS BLOCK	△	△
		646.3810	BRACKET	△	△
	QTY FIND #	PART #	DESCRIPTION	MATL	SPEC
QTY			PARTS LIST		
NEXT ASSY (S)					
646.4000					
ORIGINAL DATE INCHES (IN)			05-15-06		
DRAWN BY			CHECKED		
CADDW			REVIEW		
DRAWN BY/KORAL					
P BRAVO DE/IRAN			CS		
CONTRACT NO.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMALS ±.010 2 PLACE DECIMALS ±.005 ANGLES .5°					
SHEET			DATE CODE	DWG. NO.	REV.
SCALE			07/12/96	646.3800	N/C
NONE			SHEET 1 OF 5		

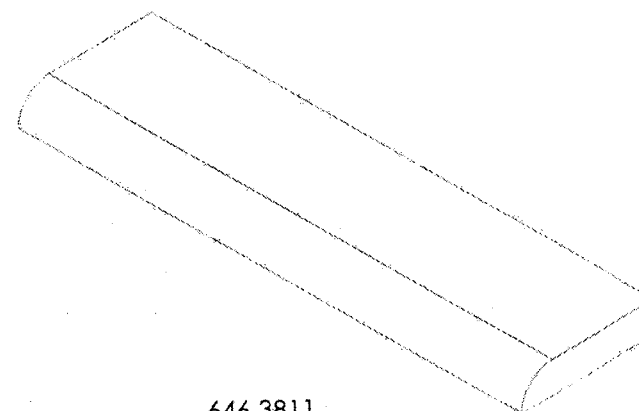
APICAL INDUSTRIES

2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760) 724-5300

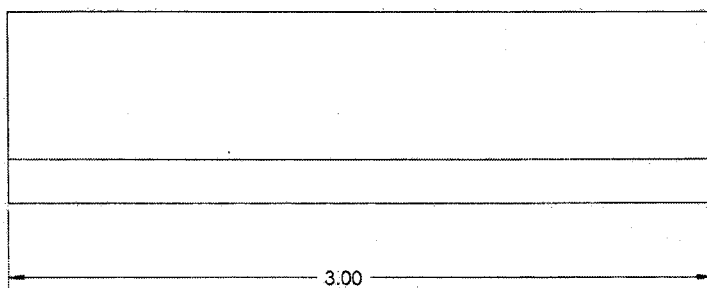
BRACKETS

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THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

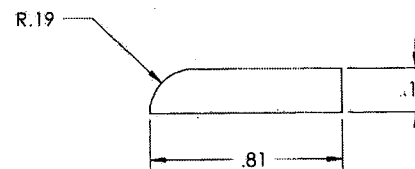
REV			
REV	DESCRIPTION	DATE	APPROVED



646.3811



3.00



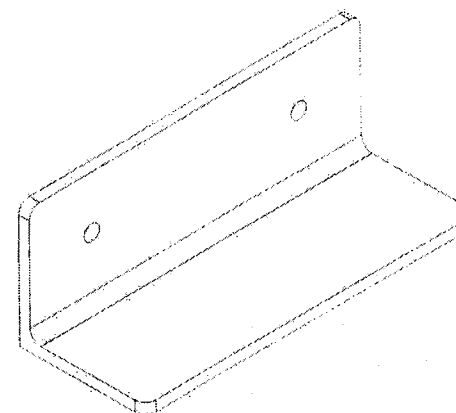
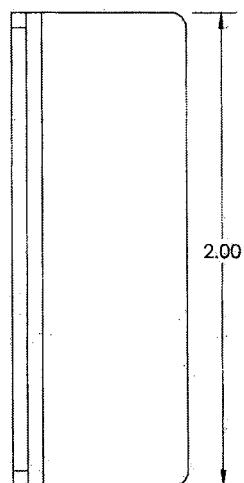
R.19

.19

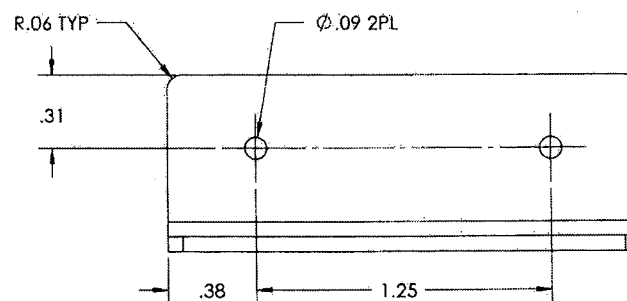
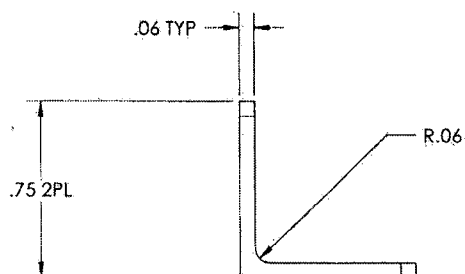
NEXT ASSY (S)	ORIGINAL DATE	06 19 06	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
	DESIGNED BY	J. GARDNER		
	CHECKED BY			
	DRAWING APPROVAL			
	CONTRACT NO.		BRACKETS SCALE: NONE	
	UNLESS OTHERWISE SPECIFIED			
	DIMENSIONS ARE IN INCHES			
	CONTRACT LARG.			
	2 PLACE DECIMALS 2000		SIZE (CAGE CODE)	
	ANGLES ± .5°		B 07ME6	
			DWG. NO.	646.3800
			REV.	N/C
			SHEET	2 OF 2

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



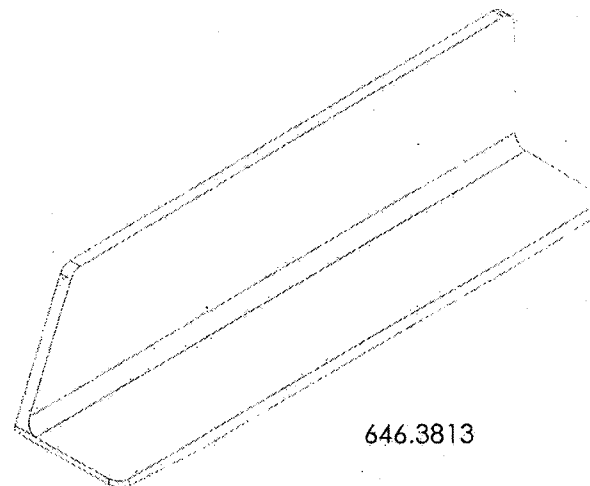
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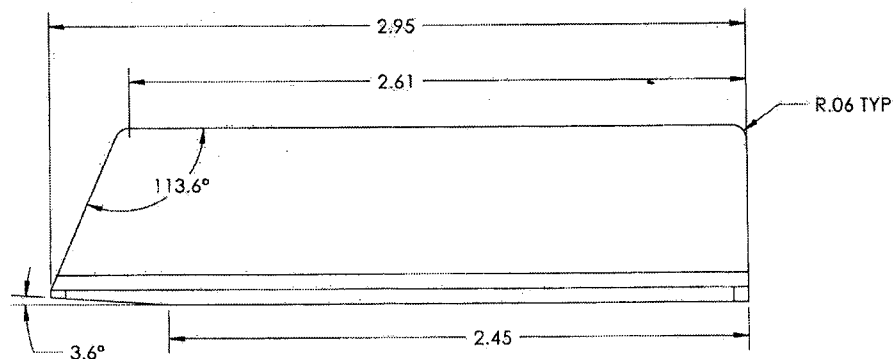
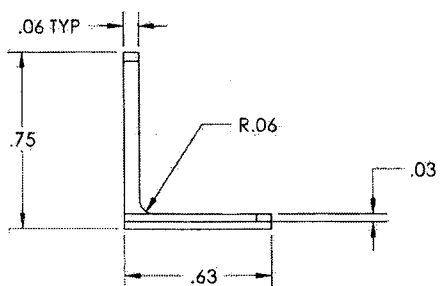
NEXT ASSY (S)	ORIGINAL DATE (MO-DA-YR)	06-19-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 BRACKETS	
	DRAWN BY	SCHLECKER		
	1. GRABBER			
	DRAWING APPROVAL			
COMPANY NO.			646.3800 SCALE NONE SHEET 3 OF 3	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES 2 PLACE DECIMALS ±.005 ANGLES ±.5°				
SHEET				
B 07M26				
			DWG. NO.	
			REL. N/C	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



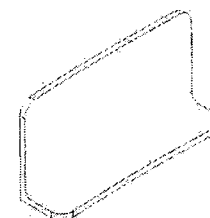
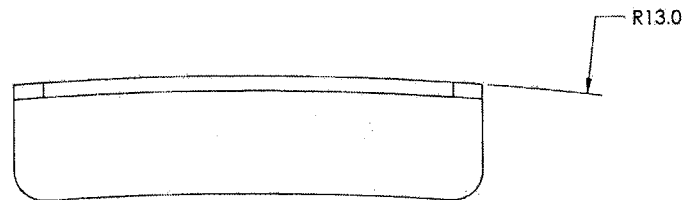
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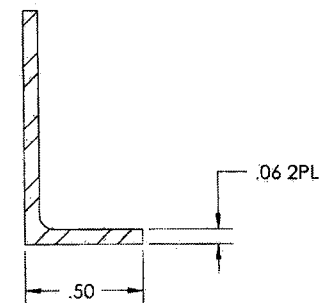
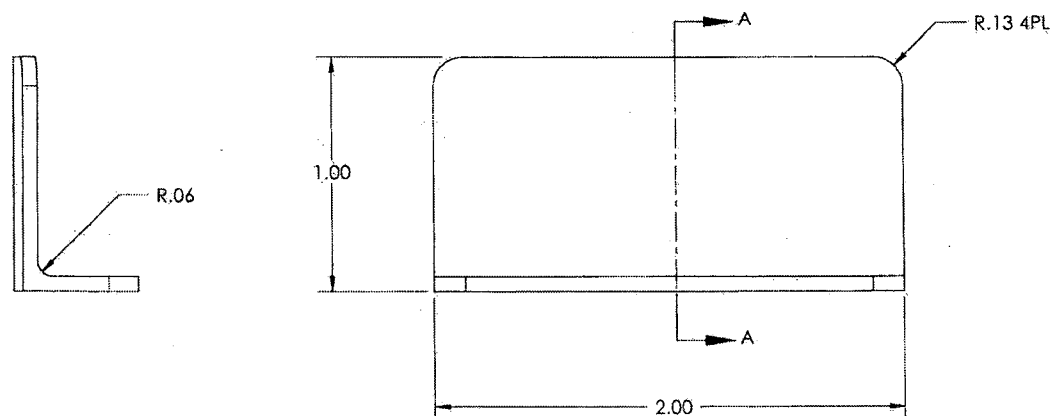
NEXT ASSY. (S)	ORIGINAL DATE	08-19-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300 BRACKETS	
	DRAWN BY	CHICKER		
	DRAWING APPROVAL			
	CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		SHEET	646.3800	REV
		B	07/02/06	N/C
		SCALE NONE		SHEET 4 OF 5

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APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



646.3814



SECTION A-A

NEXT ASSY. (S)	ORIGINAL DATE	08-16-06	APICAL INDUSTRIES 2605 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
	DRAWN BY	CHECKED		
	DESIGNED BY	APPROVED		
	CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS PLUS MINUS ANGLES 1°			SZT	CACT CODE
			B	07M16
			DWG. NO.	646.3800
			SCALE	NONE
			SHEET	5 OF 5



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33061**

Purchase Order Date 7/15/2016

PO Print Date 7/20/2016

Page Number 1 of 4

Order From :

VC-ATG001

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 613-446-4544

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Ship To Contact

Terms

Net 30

Ship To Phone

Currency

CAD

Ship Via:

VENDOR'S TRUCK

FOB

FCA - (Free Carrier)

Ship Acct:

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
----------	--	------------------------	--------------------------------------	----	--------------------------------	---------------	----------------

1	148317	646.3011 RH HALF REV. N/C	7/26/2016 Yes 7/26/2016		12.00	\$10.25	\$123.00
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FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N

Line Total: \$123.00

2	148269	646.3813 STUT BRACKET REV. N/C	7/26/2016 Yes 7/26/2016		5.00	\$6.10	\$30.50
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FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N

Line Total: \$30.50

3	142691	647.0111 PANEL REV. A	7/26/2016 Yes 7/26/2016		12.00	\$43.00	\$516.00
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FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N

Note:

7/20/2016



A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 912014

Date: 26-Jul-16

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

CHANTAL LAVOIE
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
Quantity	Description		
	PLEASE REFERENCE THE PACK LIST NUMBER ON ALL CORRESPONDENCE TO THIS SHIPMENT. IF YOU HAVE ANY QUESTIONS, PLEASE CALL AT (613) 446-4544.		
12 ea	Part: 646.3011 RH Half Job: 19822	Rev: N/C PO: 33061	Line: 1
5 ea	Part: 646.3813 ✓ Stut Bracket Job: 19823	Rev: N/C PO: 33061	Line: 2
12 ea	Part: 647.0111 Panel Job: 19824	Rev: A PO: 33061	Line: 3
10 ea	Part: D2056 Bell Crank Job: 19825	Rev: C PO: 33061	Line: 4
1 ea	Part: ADMINISTRATION FEE ADMINISTRATION FEE Job: 19826	Rev: N/C PO: 33061	Line: 6
10 ea	Part: 646.3312 Job: 19827	Rev: N/C PO: 33061	Line: 7
9 ea	Part: 646.3310 Job: 19828	Rev: N/C PO: 33061	Line: 8
6 ea	Part: 647.1611 Job: 19829	Rev: N/C PO: 33061	Line: 9

SP/6-7-26



A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 912014

Date: 26-Jul-16

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

CHANTAL LAVOIE
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
Quantity	Description	
	DATE: <u>26/7/16</u>	
	CERTIFIED SIGNATURE: <u>[Signature]</u>	
	RECEIVER SIGNATURE: <u>[Signature]</u>	
	Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	
	CERTIFICATE OF CONFORMANCE	
	A.T.G. INDUSTRIES INC. CERTIFIES THAT ALL ITEMS IN THIS SHIPMENT CONFORM TO REQUIREMENTS.	
	MADE IN CANADA.	